

Converting Colors

CIELCh(41, 42.807, 64.378)

Have a look what the booklet for
CIELCh(41, 42.807, 64.378) contains.

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Color

CIELCh(41, 42.707, 64.504)

Conversions

Conversions Part 1

Format	Color
Hex	8B5420
RGB	139, 84, 32
RGB Percent	55%, 33%, 13%
CMY	0.4561, 0.6716, 0.8755
CMYK	0.00, 0.40, 0.77, 0.46
HSL	29°, 63%, 33%
HSV	29°, 77%, 54%
XYZ	14.0023, 11.8645, 2.9000
YIQ	94.5170, 49.4720, -4.5120

Conversions

Conversions Part 2

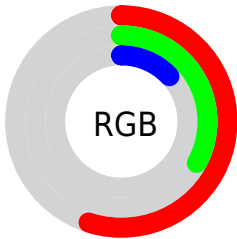
Format	Color
RYB	139, 133, 32
Decimal	9131040
CIELab	41.00, 18.38, 38.55
CIELCh	41, 42.707, 64.504
Yxy	11.8645, 0.4868, 0.4124
Android (android.graphics.Color)	4287321120 (0xFF8B5420)
YUV	94.5170, -30.8209, 39.0116
Hunter-Lab	34.4449, 12.2839, 19.1196

Details

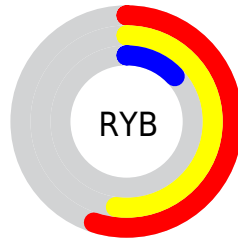
The CIELCh color **41, 42.707, 64.504** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **36, 34.043, 271.855**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 42.392, 64.649**, and **21, 36.004, 58.274** is the 20% darker color. If you saturate the color by 10%, you get **39, 48.179, 62.871**, and if you desaturate by 10%, it is **43, 36.741, 65.869**.

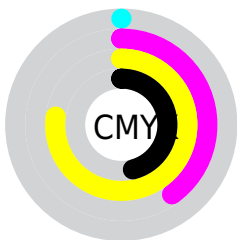
Distribution



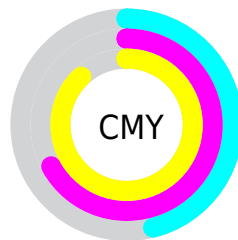
- Red (55%)
- Green (33%)
- Blue (13%)



- Red (55%)
- Yellow (52%)
- Blue (13%)



- Cyan (0%)
- Magenta (40%)
- Yellow (77%)
- Black (46%)



- Cyan (46%)
- Magenta (67%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 42.707, 64.504 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 41, 42.707, 64.504 by changing the saturation by 10% instead.

■ 41, 42.707, 64.504

■ 41, 42.707, 64.504

■ 100, 42.707,
64.504

■ 31, 42.707, 64.504

■ 61, 42.707, 64.504

■ 21, 42.707, 64.504

■ 71, 42.707, 64.504

■ 11, 42.707, 64.504

■ 81, 42.707, 64.504

■ 1, 42.707, 64.504

■ 91, 42.707, 64.504

■ 0, 42.707, 64.504

■ 41, 42.707, 64.504

■ 41, 42.707, 64.504

■ 39, 48.179, 62.871

■ 43, 36.741, 65.869

■ 37, 52.780, 60.860

■ 45, 30.691, 67.116

37, 54.235, 60.426

47, 24.761, 68.323

49, 19.047, 69.517

51, 13.581, 70.705

54, 8.368, 71.880

56, 3.396, 73.003

58, 1.355, 254.456

61, 5.905, 255.419

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41, 42.707, 64.504



36, 34.043, 271.855

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41, 42.707, 64.504



41, 42.707, 114.504



41, 42.707, 244.504



41, 42.707, 294.504

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41, 42.706, 64.507



67, 14.197, 71.131



32, 49.149, 352.621



34, 9.981, 70.749



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41, 42.706, 64.507



49, 62.933, 61.189



56, 53.844, 102.786



28, 2.691, 72.785



35, 52.453, 60.599



1, 1.228, 73.905

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36, 34.043, 271.855



42, 50.481, 279.495



21, 68.531, 302.373



28, 2.632, 255.108



29, 42.090, 281.296



1, 1.228, 253.919

Previews

White Background



This preview shows how the CIELCh color 41, 42.707, 64.504 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 41, 42.707, 64.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 42.707, 64.504

Background



This preview shows how black text looks on a background with the CIELCh color 41, 42.707, 64.504.



This preview shows how white text looks on a background with the CIELCh color 41, 42.707, 64.504.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41, 42.707, 64.504

Protanopia

41, 36.116, 95.206

Deuteranopia

41, 39.545, 81.927



Tritanopia
41, 28.789, 16.973

Trichromacy



Original Color
41, 42.707, 64.504

Protanomaly
41, 36.865, 82.395

Deuteranomaly
41, 40.178, 75.231

Tritanomaly
41, 31.119, 39.759

Monochromacy



Original Color
41, 42.707, 64.504

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 14.960, 69.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 42.707, 64.504 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(139, 84, 32)` looks like.

```
.text, #text, p{  
    color:rgb(139, 84, 32)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(139, 84, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 84, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 42.707, 64.504 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 84, 32) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(139, 84, 32) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(139, 84, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 84, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 84, 32);  
box-shadow:4px 4px 4px 4px rgb(139, 84,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 42.707, 64.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 84, 32) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(139, 84,  
32) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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